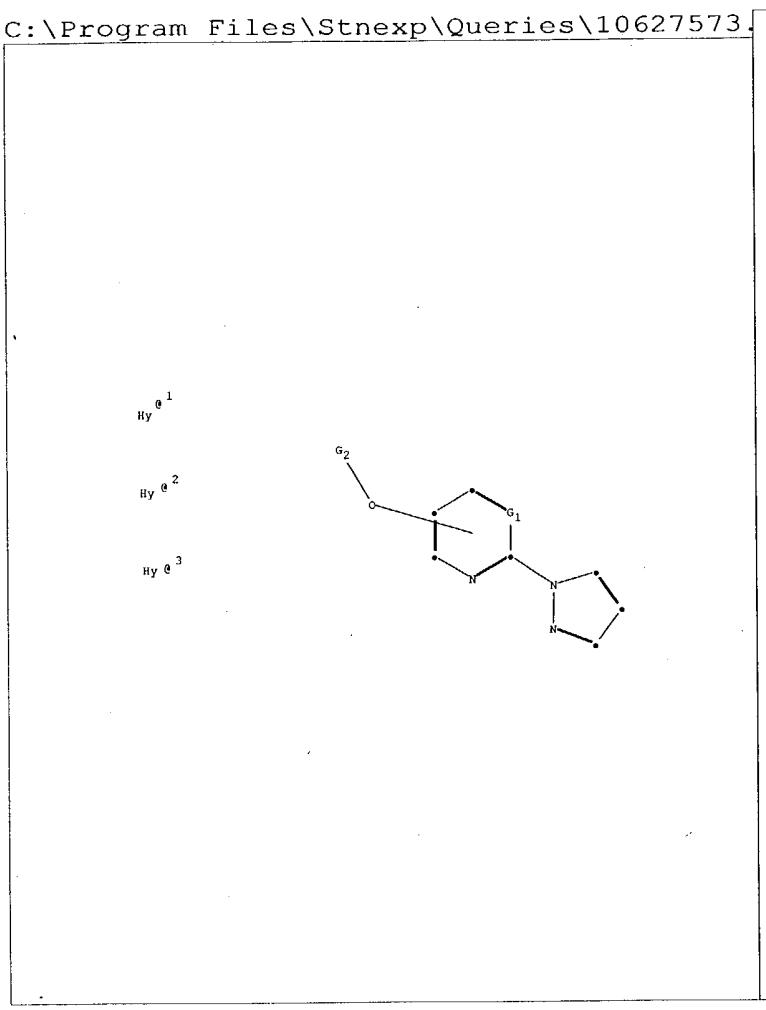
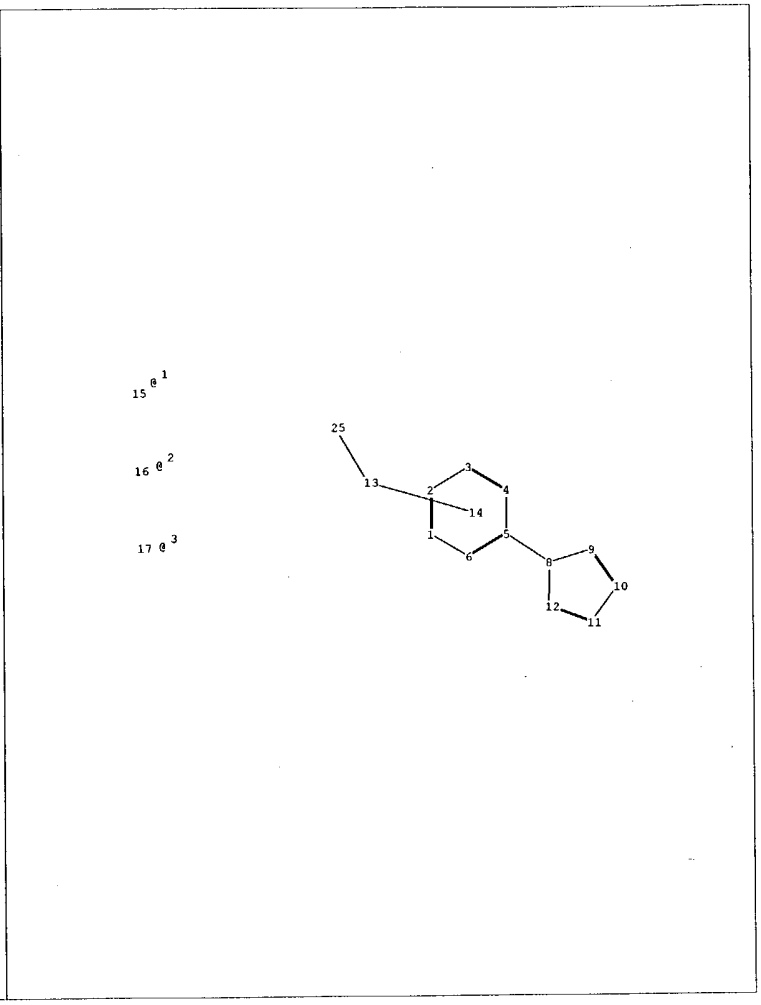
C:\Program Files\Stnexp\Queries\10627573.





chain nodes :
13 15 16 17 25
ring nodes :
1 2 3 4 5 6 8 9 10 11 12
chain bonds :
5-8 13-25
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-12 9-10 10-11 11-12
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-8 8-9 8-12 9-10 10-11 11-12 13-25
isolated ring systems :
containing 1 : 8 :

G1:C,N

G2:[*1],[*2],[*3]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:Atom 16:Atom 17:Atom 25:CLASS
Generic attributes :
15:
Saturation : Unsaturated
Number of Carbon Atoms : less than 7
Number of Hetero Atoms : less than 2
Type of Ring System : Monocyclic
16:
Saturation : Unsaturated
Number of Carbon Atoms : less than 7
Number of Hetero Atoms : 2 or more
Type of Ring System : Monocyclic
17:
Saturation : Unsaturated

Number of Carbon Atoms : less than 7
Number of Hetero Atoms : less than 2
Type of Ring System : Monocyclic

Element Count :
Node 15: Limited
C,C4
S,S1
O,O0
N,N0

Node 16: Limited
C,C2-3
O,O0-1
S,S0-1
N,N1-2

Node 17: Limited
C,C5
N,N1
O,O0
S,S0

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

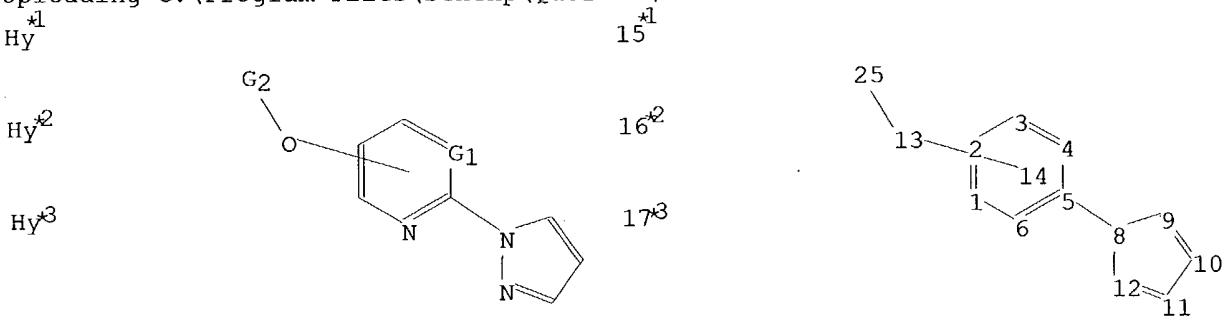
=> screen 1840

L1 SCREEN CREATED

=> screen 2016 OR 2026 OR 2039 OR 2040 OR 2045 OR 2047

L2 SCREEN CREATED

=>
Uploading C:\Program Files\Stnexp\Queries\10627573.str



chain nodes :
13 15 16 17 25
ring nodes :
1 2 3 4 5 6 8 9 10 11 12
chain bonds :
5-8 13-25
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-12 9-10 10-11 11-12
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-8 8-9 8-12 9-10 10-11 11-12 13-25
isolated ring systems :
containing 1 : 8 :

G1:C,N

G2:[*1],[*2],[*3]

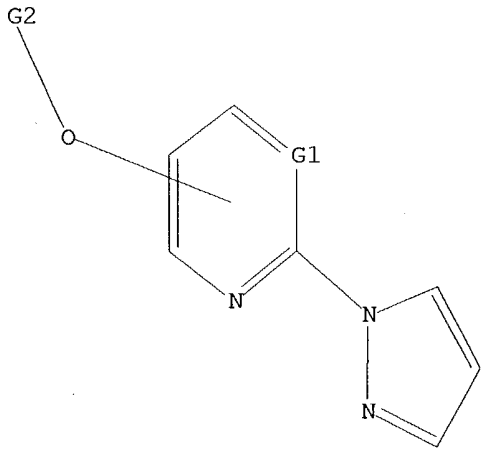
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:CLASS 14:CLASS 15:Atom 16:Atom 17:Atom 25:CLASS
Generic attributes :
15:
Saturation : Unsaturated

```
Number of Carbon Atoms : less than 7
Number of Hetero Atoms : less than 2
Type of Ring System    : Monocyclic
16:
Saturation             : Unsaturated
Number of Carbon Atoms : less than 7
Number of Hetero Atoms : 2 or more
Type of Ring System    : Monocyclic
17:
Saturation             : Unsaturated
Number of Carbon Atoms : less than 7
Number of Hetero Atoms : less than 2
Type of Ring System    : Monocyclic

Element Count :
Node 15: Limited
    C,C4
    S,S1
    O,O0
    N,N0

Node 16: Limited
    C,C2-3
    O,O0-1
    S,S0-1
    N,N1-2

Node 17: Limited
    C,C5
    N,N1
    O,O0
    S,S0




L3      STRUCTURE UPLOADED

=> que L3 AND L1 NOT L2

L4   QUE L3 AND L1 NOT L2

=> d l4
L4 HAS NO ANSWERS
L1              SCR 1840
L2              SCR 2016 OR 2026 OR 2039 OR 2040 OR 2045 OR 2047
L3              STR
```

Hy [1]

Hy [2]

Hy [3]



G1 C,N

G2 [@1],[@2],[@3]

Structure attributes must be viewed using STN Express query preparation.
L4 QUE L3 AND L1 NOT L2

=> s l4 sss sam
SAMPLE SEARCH INITIATED 17:48:11 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 430 TO ITERATE

100.0% PROCESSED 430 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 7356 TO 9844
PROJECTED ANSWERS: 2 TO 124

L5 2 SEA SSS SAM L3 AND L1 NOT L2

=> => s l4 sss ful
FULL SEARCH INITIATED 17:48:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 9041 TO ITERATE

100.0% PROCESSED 9041 ITERATIONS 37 ANSWERS
SEARCH TIME: 00.00.01

L6 37 SEA SSS FUL L3 AND L1 NOT L2

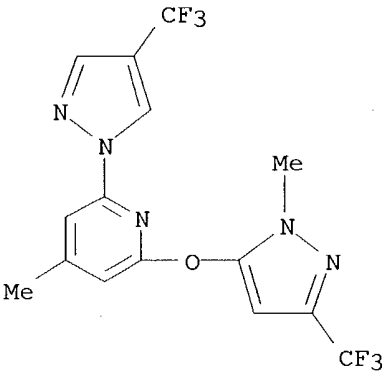
=> => s l6
L7 9 L6

=> d l7 1-9 bib,ab,hitstr

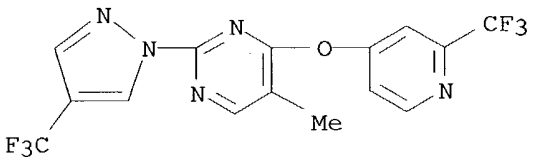
L7 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:95353 CAPLUS
DN 140:146161
TI Preparation of (4-trifluormethylpyrazolyl)pyrimidines and pyridines as herbicides
IN Hoffmann, Michael Gerhard; Helmke, Hendrik; Willms, Lothar; Auler, Thomas; Bieringer, Hermann; Menne, Hubert
PA Bayer CropScience G.m.b.H., Germany
SO Ger. Offen., 54 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 10234876	A1	20040205	DE 2002-10234876	20020725
WO 2004013129	A1	20040212	WO 2003-EP7574	20030714
W: AE, AG, AL, AM, AU, AZ, BA, BB, BR, BY, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, GD, GE, HR, ID, IL, IN, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NI, NO, NZ, OM, PG, PH, PL, RU, SC, SG, SY, TJ, TM, TN, TT, UA, US, UZ, VC, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004082475	A1	20040429	US 2003-627256	20030724
PRAI DE 2002-10234876	A	20020725		

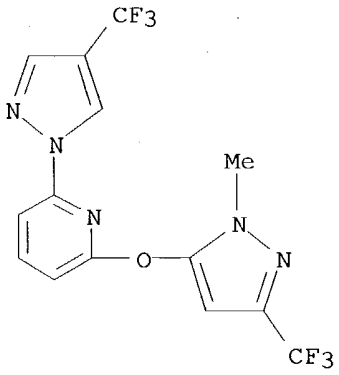
OS MARPAT 140:146161
AB Title compds. [I; Z = N, CR8; Q = Q1-Q6; R1, R2 = H, halo, (iso)cyano, OH, CO2R10, COR10, CH2OH, CH2SH, CH2NH2, NO2, CSNH2, CONH2, (halo)alkyl, etc.; R3, R4 = H, halo, cyano, (halo)alkyl, (halo)alkoxy; R5 = halo, cyano, (halo)alkyl, (halo)alkoxy, haloalkylthio, etc.; R6 = H, cyano, (halo)alkyl, (halo)alkoxy, S(O)nR9; R7 = alkyl, R8 = H, halo, cyano, NO2, alkyl, alkoxy, OH, amino, alkylamino, etc; R9 = H, (halo)alkyl; R10 = H, alkyl; n = 0-2], were prepared Thus, a mixture of 5-methyl-4-methylsulfonyl-2-(4-trifluoromethyl-1H-pyrazol-1-yl)pyrimidine, 3-trifluoromethylphenol, and K2CO3 in DMF was stirred for 24 h at room temperature to give 72% 5-methyl-4-(3-trifluoromethylphenoxy)-2-(4-trifluoromethyl-1H-pyrazol-1-yl)pyrimidine. The latter at 20 g/ha gave 90% preemergent control of Alopecurus myosuroides, Amaranthus retroflexus, Setaria viridis, and Veronica persica.
IT **340690-18-8P 653593-14-7P 653593-15-8P 653593-17-0P 653593-18-1P 653593-19-2P 653593-20-5P**
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of (trifluormethylpyrazolyl)pyrimidines and pyridines as herbicides)
RN 340690-18-8 CAPLUS
CN Pyridine, 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



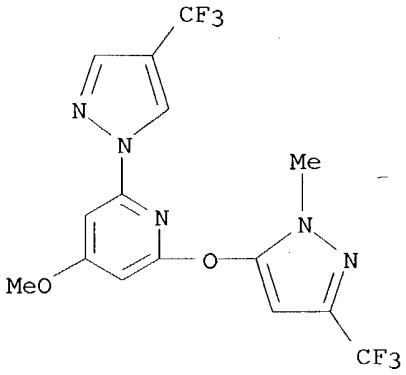
RN 653593-14-7 CAPLUS
CN Pyrimidine, 5-methyl-2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[[2-(trifluoromethyl)-4-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



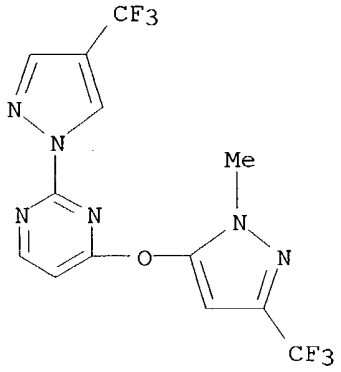
RN 653593-15-8 CAPLUS
CN Pyridine, 2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



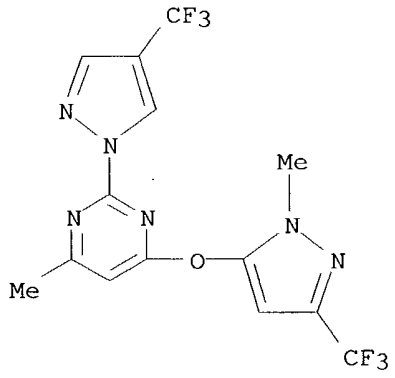
RN 653593-17-0 CAPLUS
CN Pyridine, 4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 653593-18-1 CAPLUS
CN Pyrimidine, 4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

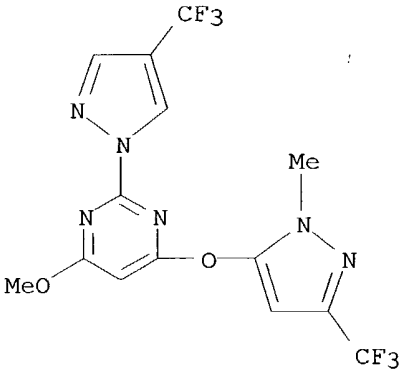


RN 653593-19-2 CAPLUS
CN Pyrimidine, 4-methyl-6-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 653593-20-5 CAPLUS
CN Pyrimidine, 4-methoxy-6-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-

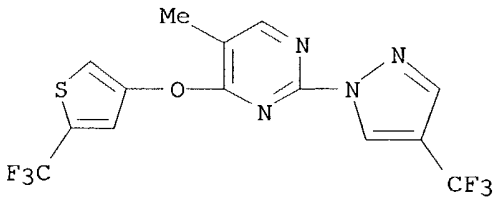
yl]oxy]-2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



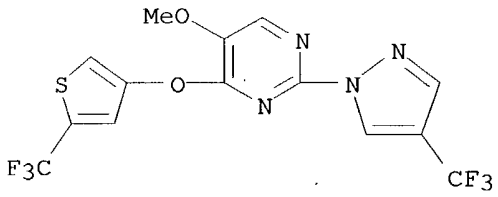
L7 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:95352 CAPLUS
DN 140:146160
TI Preparation of (4-trifluormethylpyrazolyl)pyridines and pyrimidines as herbicides
IN Hoffmann, Michael Gerhard; Helmke, Hendrik; Willms, Lothar; Auler, Thomas; Bieringer, Hermann; Menne, Hubert
PA Bayer CropScience G.m.b.H., Germany
SO Ger. Offen., 29 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10234875	A1	20040205	DE 2002-10234875	20020725
	WO 2004013131	A2	20040212	WO 2003-EP7573	20030714
	WO 2004013131	A3	20040506		
	W: AE, AG, AL, AM, AU, AZ, BA, BB, BR, BY, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, GD, GE, HR, ID, IL, IN, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NI, NO, NZ, OM, PG, PH, PL, RU, SC, SG, SY, TJ, TM, TN, TT, UA, US, UZ, VC, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2004072692	A1	20040415	US 2003-627573	20030724
PRAI	DE 2002-10234875	A	20020725		

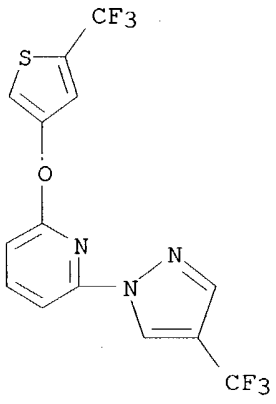
OS MARPAT 140:146160
AB Title compds. [I; Z = N, CR8; A = 3-thienyl, substituted 5-6 membered heterocyclyl,; R1, R2 = H, halo, (iso)cyano, OH, CH2OH, CH2SH, CH2NH2, NO2, (halo)alkyl, cycloalkyl, etc.; R3, R4 = H, halo, cyano, (halo)alkyl, (halo)alkoxy; R8 = H, halo, cyano, OH, amino, alkyl, alkoxy, alkylamino, etc.], were prepared Thus, a mixture of 0.8 g 5-methyl-4-methylsulfonyl-2-(4-trifluoromethyl-3-thienyloxy)pyrimidine, 0.44 g 3-hydroxy-5-trifluoromethylthiophene, and K2CO3 in DMF was stirred for 6 h at 60° and 48 h at room temperature to give 0.5 g 5-methyl-2-(4-trifluoromethyl-1H-pyrazol-1-yl)-4-(5-trifluoromethyl-3-thienyloxy)pyrimidine. Several I at 20-80 g/ha gave 80% preemergent and 90% postemergent control of Digitaria sanguinalis and Veronica persica.
IT **653601-76-4P 653601-78-6P 653601-81-1P**
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of (trifluormethylpyrazolyl)pyridines and pyrimidines as herbicides)
RN 653601-76-4 CAPLUS
CN Pyrimidine, 5-methyl-2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)



RN 653601-78-6 CAPLUS
CN Pyrimidine, 5-methoxy-2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)



RN 653601-81-1 CAPLUS
CN Pyridine, 2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)

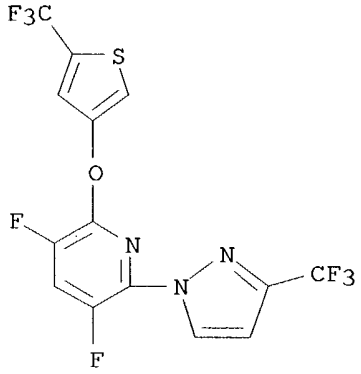


L7 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:221684 CAPLUS
DN 138:238179
TI Preparation of [2-(1H-pyrazol-1-yl)](thienyloxy)pyridines as herbicides
IN Hofmann, Michael; Parra Rapado, Liliana; Von Deyn, Wolfgang; Baumann, Ernst; Kordes, Markus; Misslitz, Ulf; Witschel, Matthias; Zagar, Cyrill; Landes, Andreas
PA BASF Aktiengesellschaft, Germany
SO PCT Int. Appl., 56 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

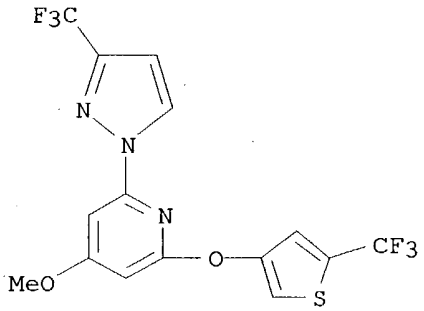
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003022843	A1	20030320	WO 2002-EP9750	20020831
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1427725	A1	20040616	EP 2002-797941	20020831
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
PRAI DE 2001-10144185	A	20010907		
WO 2002-EP9750	W	20020831		

OS MARPAT 138:238179
AB The title compds. [I; R1, R3 = H, halo, cyano, NO2, alkyl, haloalkyl, alkoxy, haloalkoxy; R2 = H, halo, cyano, alkenyl, alkynyl, haloalkyl, haloalkenyl, haloalkynyl, alkoxy, alkenyloxy, alkynyloxy, haloalkoxy, alkoxyalkyl, alkylamino, dialkylamino, alkylthio, haloalkylthio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, COR7; R4-R6 = H, halo, cyano, alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, haloalkylthio, alkylsulfonyl, haloalkylsulfonyl; R7 = H, OH, alkyl, alkoxy, amino, alkylamino, dialkylamino], were prepared as herbicides (no data). Thus, a mixture of 3-hydroxy-5-trifluoromethylthiophene, 4-cyano-2-methylsulfonyl-6-(3-trifluoromethyl-1H-pyrazol-1-yl)pyridine (preparation given), and K2CO3 in DMF was stirred for 7 h at 80° and for 72 h at room temperature to give 76% 4-cyano-6-(3-trifluoromethyl-1H-pyrazol-1-yl)-2-(5-trifluoromethyl-3-thienyloxy)pyridine.
IT **501676-73-9P**, 3,5-Difluoro-2-(3-trifluoromethyl-1H-pyrazol-1-yl)-6-(5-trifluoromethyl-3-thienyloxy)pyridine **501676-75-1P**, 4-Methoxy-6-(3-trifluoromethyl-1H-pyrazol-1-yl)-2-(5-trifluoromethyl-3-thienyloxy)pyridine **501676-79-5P**, 4-Cyano-6-(3-trifluoromethyl-1H-pyrazol-1-yl)-2-(5-trifluoromethyl-3-thienyloxy)pyridine **501676-83-1P**, 3-Methyl-6-(3-trifluoromethyl-1H-pyrazol-1-yl)-2-(5-trifluoromethyl-3-thienyloxy)pyridine **501676-84-2P** **501676-85-3P** **501676-86-4P** **501676-88-6P**
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of (pyrazolyl)(thienyloxy)pyridines as herbicides)

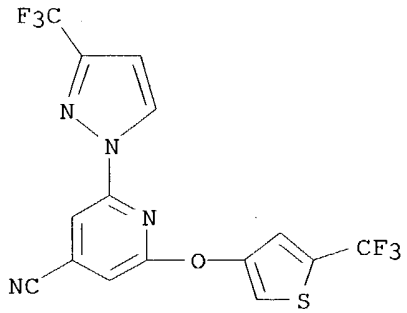
RN 501676-73-9 CAPLUS
CN Pyridine, 3,5-difluoro-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)



RN 501676-75-1 CAPLUS
CN Pyridine, 4-methoxy-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)

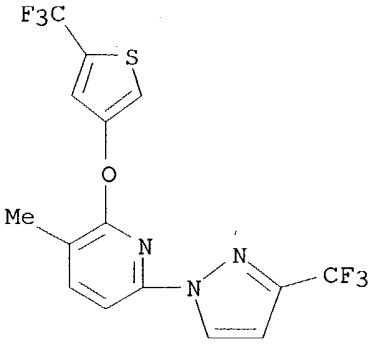


RN 501676-79-5 CAPLUS
CN 4-Pyridinecarbonitrile, 2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)

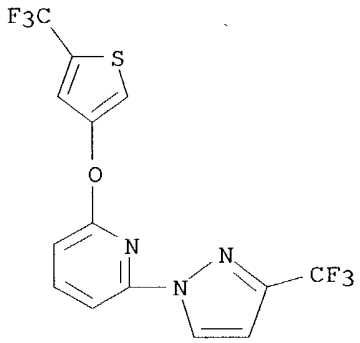


RN 501676-83-1 CAPLUS
CN Pyridine, 3-methyl-6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[[5-

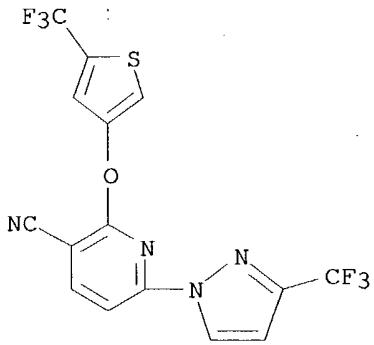
(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)



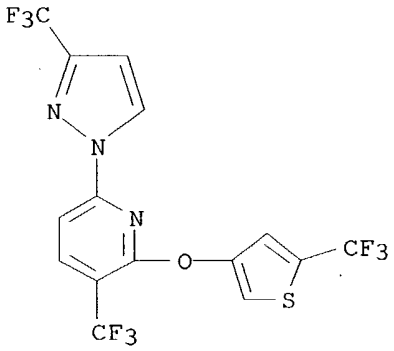
RN 501676-84-2 CAPLUS
CN Pyridine, 2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)



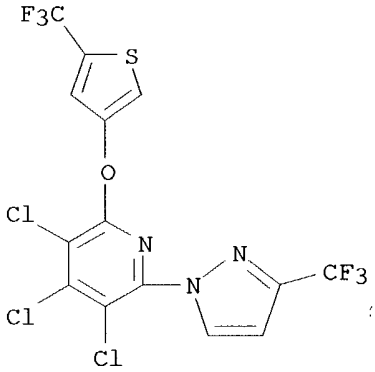
RN 501676-85-3 CAPLUS
CN 3-Pyridinecarbonitrile, 6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)



RN 501676-86-4 CAPLUS
CN Pyridine, 3-(trifluoromethyl)-6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)



RN 501676-88-6 CAPLUS
CN Pyridine, 3,4,5-trichloro-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)

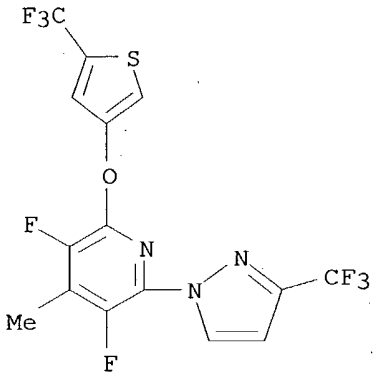


RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

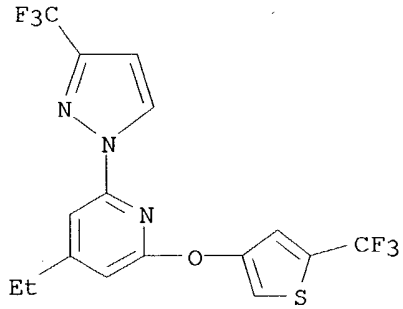
L7 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:221672 CAPLUS
DN 138:238178
TI Preparation of [2-(1H-pyrazol-1-yl)](thienyloxy)pyridines as herbicides
IN Hofmann, Michael; Parra Rapado, Liliana; Von Deyn, Wolfgang; Baumann, Ernst; Kordes, Markus; Misslitz, Ulf; Witschel, Matthias; Zagar, Cyrill; Landes, Andreas
PA BASF Aktiengesellschaft, Germany
SO PCT Int. Appl., 47 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003022831	A1	20030320	WO 2002-EP9751	20020831
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1427719	A1	20040616	EP 2002-762468	20020831
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	US 2004198609	A1	20041007	US 2004-487549	20040224
PRAI	DE 2001-10144073	A	20010907		
	WO 2002-EP9751	W	20020831		

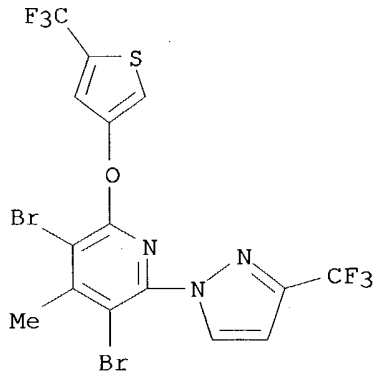
OS MARPAT 138:238178
AB The title compds. [I; R1, R3 = H, halo, cyano, NO2, alkyl, haloalkyl, alkoxy, haloalkoxy; R2 = alkyl, cycloalkyl; R4-R6 = H, halo, cyano, alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, haloalkylthio, alkylsulfonyl, haloalkylsulfonyl; whereby if R2, R3 = H then R1 ≠ Me], were prepared Thus, a mixture of 2,3,5-trifluoro-4-methyl-6-(5-trifluoromethyl-3-thienyloxy)pyridine (preparation given), 3-trifluoromethyl-1H-pyrazole, and K2CO3 in DMF was heated up at 80° for 12 h to give 59% 3,5-difluoro-4-methyl-2-(3-trifluoromethyl-1H-pyrazol-1-yl)-6-(5-trifluoromethyl-3-thienyloxy)pyridine. The latter at 0.25 or 0.125 kg/ha was said to show very good postemergent herbicidal activity against Amaranthus retroflexus, Chenopodium album, Galium aparine, Pharbitis purpurea.
IT **501682-20-8P**, 3,5-Difluoro-4-methyl-2-(3-trifluoromethyl-1H-pyrazol-1-yl)-6-(5-trifluoromethyl-3-thienyloxy)pyridine **501682-23-1P**, 4-Ethyl-2-(3-trifluoromethyl-1H-pyrazol-1-yl)-6-(5-trifluoromethyl-3-thienyloxy)pyridine **501682-24-2P**
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of (pyrazolyl)(thienyloxy)pyridines as herbicides)
RN 501682-20-8 CAPLUS
CN Pyridine, 3,5-difluoro-4-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)



RN 501682-23-1 CAPLUS
CN Pyridine, 4-ethyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)



RN 501682-24-2 CAPLUS
CN Pyridine, 3,5-dibromo-4-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)



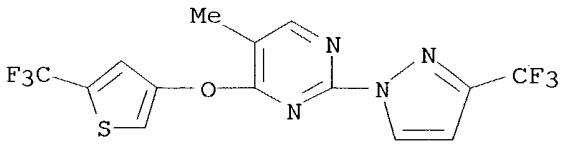
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:154428 CAPLUS
DN 138:187777
TI Preparation of (heterocyclyl)(thienyloxy)pyrimidines as herbicides
IN Parra Rapado, Liliana; Von Deyn, Wolfgang; Hofmann, Michael; Baumann, Ernst; Kordes, Markus; Misslitz, Ulf; Zagar, Cyrill; Witschel, Matthias; Landes, Andreas
PA BASF Aktiengesellschaft, Germany
SO PCT Int. Appl., 68 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

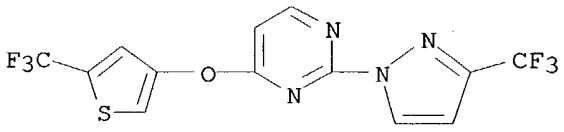
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003016308	A1	20030227	WO 2002-EP8451	20020730
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1421080	A1	20040526	EP 2002-764808	20020730
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	US 2004198758	A1	20041007	US 2004-486398	20040211
PRAI	DE 2001-10139404	A	20010817		
	WO 2002-EP8451	W	20020730		

OS MARPAT 138:187777
AB Title compds. [I; W, X, Y, Z = N, at least one CR3; R1 = H, halo, cyano, alkyl, haloalkyl, alkoxy, haloalkoxy; R2 = H, halo, cyano, alkyl, alkenyl, alkynyl, haloalkyl, haloalkenyl, haloalkynyl, alkoxy, alkenyloxy, alkynyloxy, haloalkoxy, alkoxyalkyl, alkylamino, dialkylamino, alkylthio, haloalkylthio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, CO2R7, CONR8R9; R3 = H, halo, cyano, NO2, alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, haloalkylthio, alkylsulfonyl, CO2R7; R4-R6 = H, halo, cyano, alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, haloalkylthio, alkylsulfonyl, haloalkylsulfonyl; R7 = H, alkyl, alkenyl, alkynyl, haloalkyl; R8 = H, alkyl, alkenyl, alkynyl, alkoxy; R9 = H, alkyl, alkenyl, alkynyl], were prepared Thus, a mixture of 5-methyl-4-methylsulfonyl-2-(3-trifluoromethyl-1H-pyrazol-1-yl)pyrimidine (preparation given), 5-(trifluoromethyl)thiophene-3-ol, and Na2CO3 in DMF was stirred for 2 h at 25° to give 54% 5-methyl-2-(3-trifluoromethyl-1H-pyrazol-1-yl)-4-[(5-trifluoromethylthien-3-yl)oxy]pyrimidine. The latter at 0.25 or 0.125 kg/ha was said to show very good postemergent herbicidal activity against Amaranthus retroflexus, Chenopodium album, Galium aparine, Pharbitis purpurea, and Polygonum persicaria.
IT **401517-70-2P 498549-81-8P 498549-82-9P**
498549-83-0P 498549-85-2P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of (heterocyclyl)(thienyloxy)pyrimidines as herbicides)

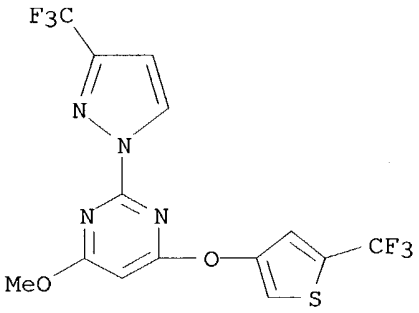
RN 401517-70-2 CAPLUS
CN Pyrimidine, 5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)



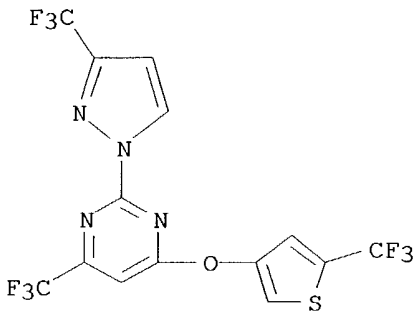
RN 498549-81-8 CAPLUS
CN Pyrimidine, 2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)



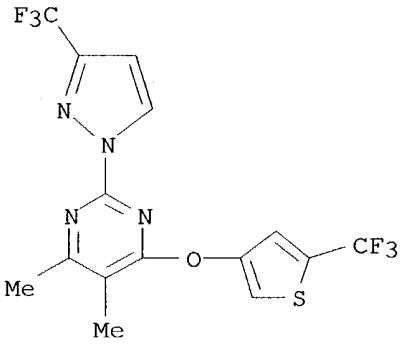
RN 498549-82-9 CAPLUS
CN Pyrimidine, 4-methoxy-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)



RN 498549-83-0 CAPLUS
CN Pyrimidine, 4-(trifluoromethyl)-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)



RN 498549-85-2 CAPLUS
CN Pyrimidine, 4,5-dimethyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)

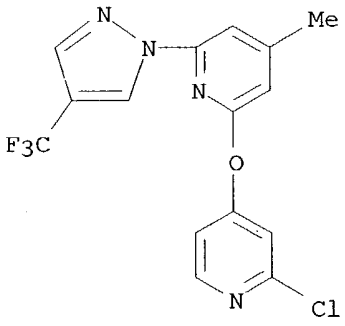


RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

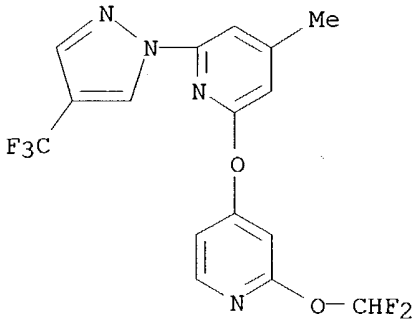
L7 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:688553 CAPLUS
DN 137:181107
TI Herbicidal 2-aryloxy-4-methyl-6-pyrazol-1-yl-pyridines
IN Maier, Thomas; Kleemann, Axel; Scheiblich, Stefan; Baltruschat, Helmut Siegfried
PA BASF Aktiengesellschaft, Germany
SO U.S., 9 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6448204	B1	20020910	US 2000-708203	20001108
PRAI US 1999-166004P	P	19991117		

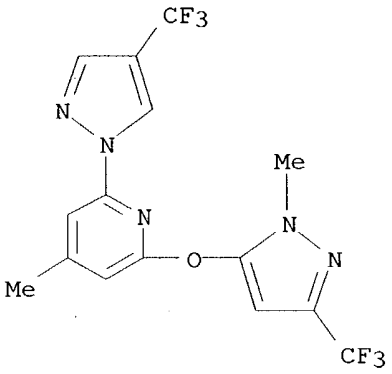
OS MARPAT 137:181107
AB Compds. I (A = (un)substituted aryl, (un)substituted 5- or 6-membered nitrogen- or sulfur-containing heteroarom., or difluorobenzodioxoly), or agriculturally acceptable salts or N-oxides thereof posess herbicidal activity and are used in herbicidal compns. together with an agronomically acceptable carrier.
IT **340690-15-5 340690-16-6 340690-18-8 340690-20-2**
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(herbicide)
RN 340690-15-5 CAPLUS
CN Pyridine, 2-[(2-chloro-4-pyridinyl)oxy]-4-methyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



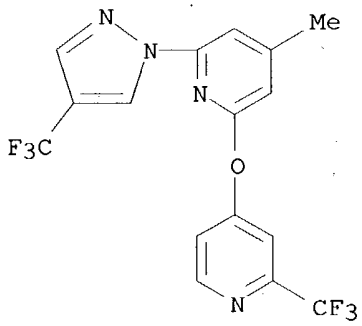
RN 340690-16-6 CAPLUS
CN Pyridine, 2-[[2-(difluoromethoxy)-4-pyridinyl]oxy]-4-methyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 340690-18-8 CAPLUS
CN Pyridine, 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

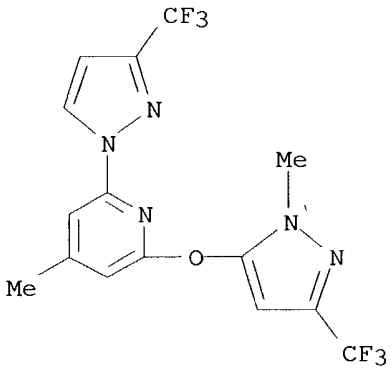


RN 340690-20-2 CAPLUS
CN Pyridine, 4-methyl-2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[2-(trifluoromethyl)-4-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



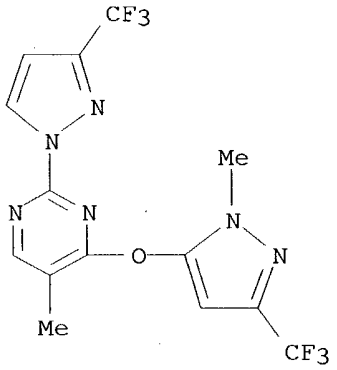
IT **340690-14-4P**, 4-Methyl-2-(-3-trifluoromethyl-1H-pyrazol-1-yl)-6-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-pyridine
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation as herbicide)

RN 340690-14-4 CAPLUS
CN Pyridine, 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

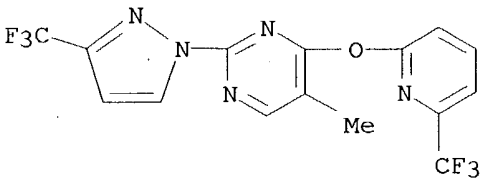


RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

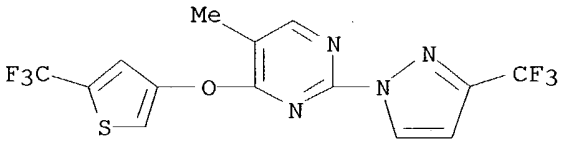
L7 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:915244 CAPLUS
DN 136:200158
TI N-azolyl phenoxypyrimidine herbicides: novel inhibitors of carotenoid biosynthesis Part I
AU Selby, Thomas P.; Drumm, Joseph E.; Coats, Reed A.; Coppo, Frank T.; Gee, Stephen K.; Hay, James V.; Pasteris, Robert J.; Stevenson, Thomas M.
CS Stine-Haskell Research Center, DuPont Crop Protection, Newark, DE, 19714, USA
SO ACS Symposium Series (2002), 800(Synthesis and Chemistry of Agrochemicals VI), 74-84
CODEN: ACSMC8; ISSN: 0097-6156
PB American Chemical Society
DT Journal
LA English
OS CASREACT 136:200158
AB Substituted 2-azolyl-4-phenoxypyrimidines represent a new family of highly active herbicides that act by inhibiting carotenoid biosynthesis. Azole substituents on the pyrimidine ring are nitrogen-linked and include pyrazole, imidazole, and triazole. These compds. are active preemergence and postemergence but tend to be more active preemergence. Selectivity was observed on wheat, corn, and soybeans. There was particular interest in these compds. as cereal herbicides for preemergent and early-postemergent weed control. High field efficacy was observed, particularly on broadleaf weeds. Pyrazolylpyrimidine I showed optimum activity in cereal field trials and gave excellent broadleaf weed control at rates as low as 5-10 g/ha, with good wheat safety. This paper will focus on chemical synthesis, biol., structure-activity relationships, mode-of-action, and field activity for compds. of this herbicide class.
IT **213334-10-2P 213334-17-9P 401517-70-2P**
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and structure-activity relationships of herbicidal (azolyl)phenoxypyrimidines)
RN 213334-10-2 CAPLUS
CN Pyrimidine, 5-methyl-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 213334-17-9 CAPLUS
CN Pyrimidine, 5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[[6-(trifluoromethyl)-2-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



RN 401517-70-2 CAPLUS
CN Pyrimidine, 5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[[5-(trifluoromethyl)-3-thienyl]oxy]- (9CI) (CA INDEX NAME)

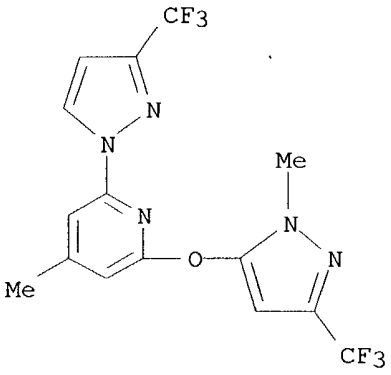


RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

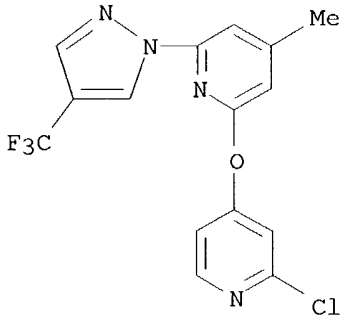
L7 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:376803 CAPLUS
DN 134:366871
TI Preparation of herbicidal 2-aryloxy-4-methyl-6-pyrazol-1-yl-pyridines
IN Maier, Thomas; Kleemann, Axel; Scheiblich, Stefan; Siegfried, Helmut
PA Basf Aktiengesellschaft, Germany
SO Eur. Pat. Appl., 16 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1101764	A1	20010523	EP 2000-125058	20001117
	EP 1101764	B1	20031022		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	AT 252573	E	20031115	AT 2000-125058	20001117
PRAI	US 1999-441871	A	19991117		

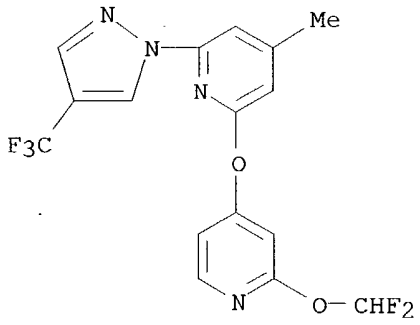
OS MARPAT 134:366871
AB Title compds. (I) [wherein A = (un)substituted aryl, 5- or 6-membered N- or S-containing heteroarom., or difluorobenzodioxolyl] and compns. containing I were prepared and tested as herbicides. Thus, a mixture of 2,6-bis(1-methyl-3-trifluoromethylpyrazol-5-yloxy)-4-methylpyridine, 3-trifluoromethyl-1H-pyrazole, NaH, and sulfolan was heated at 80°C for 3 h to give I [A = 1-methyl-3-trifluoromethyl-1H-pyrazol-5-yl] (II). In pre-emergence herbicidal evaluations at 0.1 kg/ha, II controlled velvetweed, ragweed, sicklepod, deadnettle, mayweed, chickweed, blackgrass, crabgrass, barnyard grass, ryegrass, and foxtail with only slight effect on corn. In post-emergence tests at 0.1 kg/ha, II controlled twelve of thirteen weed species, while a comparison herbicide was active on only four species.
IT **340690-14-4P**, 4-Methyl-2-(-3-trifluoromethyl-1H-pyrazol-1-yl)-6-(1-methyl-3-trifluoromethylpyrazol-5-yloxy)pyridine **340690-15-5P**, 2-(2-Chloropyrid-4-yloxy)-6-(4-trifluoromethylpyrazol-1-yl)-4-methylpyridine **340690-16-6P**, 2-(2-Difluoromethoxypyrid-4-yloxy)-6-(4-trifluoromethylpyrazol-1-yl)-4-methylpyridine **340690-18-8P**, 2-(1-Methyl-3-trifluoromethylpyrazol-5-yloxy)-6-(4-trifluoromethylpyrazol-1-yl)-4-methylpyridine **340690-20-2P**, 2-(2-Trifluoromethylpyrid-4-yloxy)-6-(4-trifluoromethylpyrazol-1-yl)-4-methylpyridine
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of herbicidal 2-aryloxy-4-methyl-6-pyrazol-1-yl-pyridines)
RN 340690-14-4 CAPLUS
CN Pyridine, 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



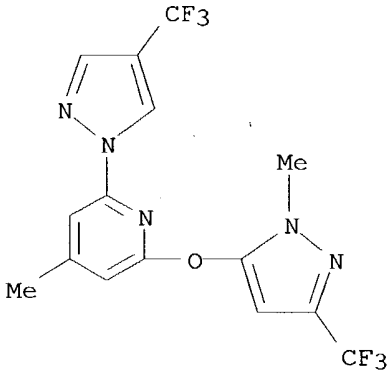
RN 340690-15-5 CAPLUS
CN Pyridine, 2-[(2-chloro-4-pyridinyl)oxy]-4-methyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



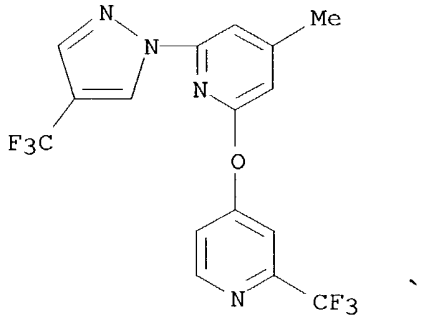
RN 340690-16-6 CAPLUS
CN Pyridine, 2-[[2-(difluoromethoxy)-4-pyridinyl]oxy]-4-methyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 340690-18-8 CAPLUS
CN Pyridine, 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 340690-20-2 CAPLUS
CN Pyridine, 4-methyl-2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[2-(trifluoromethyl)-4-pyridinyl]oxy]- (9CI) (CA INDEX NAME)

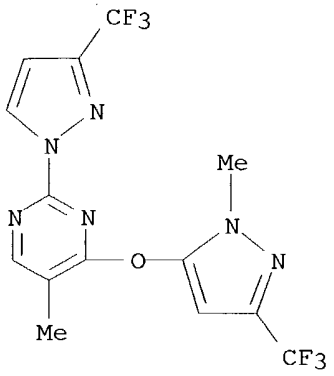


RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

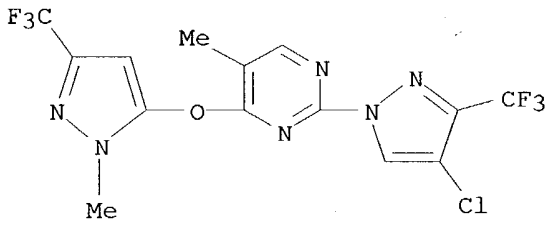
L7 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:621213 CAPLUS
DN 129:245165
TI Preparation of heteroaryl azole herbicides
IN Selby, Thomas P.
PA E. I. Du Pont de Nemours & Co., USA
SO PCT Int. Appl., 107 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9840379	A1	19980917	WO 1998-US4600	19980309
	W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GW, HU, ID, IL, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9868638	A1	19980929	AU 1998-68638	19980309
	AU 725548	B2	20001012		
	EP 970072	A1	20000112	EP 1998-914235	19980309
	R: DE, FR, GB, IT				
	BR 9815453	A	20011023	BR 1998-15453	19980309
	US 6172005	B1	20010109	US 1999-380425	19990901
PRAI	US 1997-39544P	P	19970311		
	WO 1998-US4600	W	19980309		

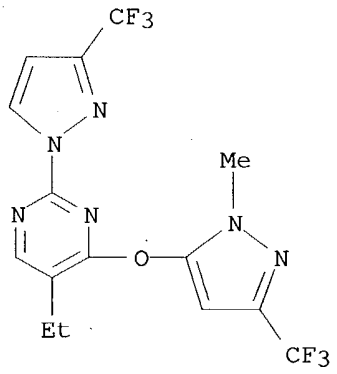
OS MARPAT 129:245165
AB The title compds. [I; J = (un)substituted Ph, pyridyl, pyrazolyl, etc.; W = N, CR9; X, Y, Z = N, CH, CR9 (provided that only one of X, Y and Z = CR9); Q = O, S(O)n, NR10; R1, R2 = H, halo, CN, etc.; R3 = H, halo, C1-4 alkoxy, etc.; R9 = halo, CN, C1-4 alkoxy, etc.; R10 = H, C1-4 alkyl, C1-4 haloalkyl; n = 0-2], useful for controlling undesired vegetation, were prepared Thus, reaction of 2,6-dibromopyridine with 3-trifluoromethyl-1H-pyrazole in the presence of K2CO3 in DMF followed by reacting the resulting 2-bromo-6-(3-trifluoromethyl-1H-pyrazol-1-yl)pyridine with 3-trifluoromethylphenol in the presence of K2CO3 in DMF afforded I [W = CH; Q = O; J = 3-(F3C)C6H4; R1 = R2 = H; R3 = CF3; X = N; Y = Z = CH] which showed 100% control against blackgrass and crabgrass at 2000 g/ha in preemergence test.
IT **213334-10-2P 213334-12-4P 213334-13-5P**
213334-14-6P 213334-15-7P 213334-17-9P
213334-18-0P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heteroaryl azole herbicides)
RN 213334-10-2 CAPLUS
CN Pyrimidine, 5-methyl-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



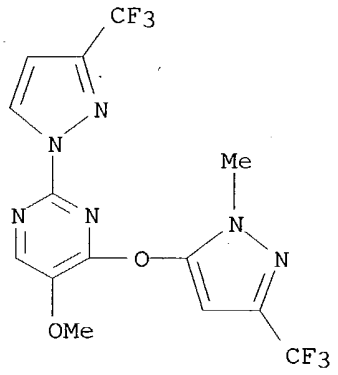
RN 213334-12-4 CAPLUS
CN Pyrimidine, 2-[4-chloro-3-(trifluoromethyl)-1H-pyrazol-1-yl]-5-methyl-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



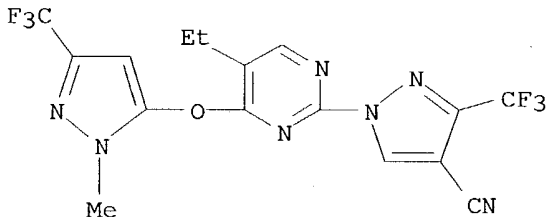
RN 213334-13-5 CAPLUS
CN Pyrimidine, 5-ethyl-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



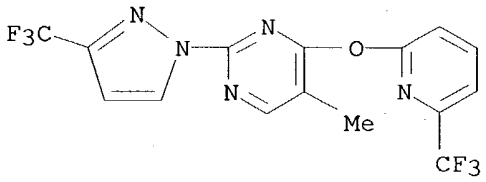
RN 213334-14-6 CAPLUS
CN Pyrimidine, 5-methoxy-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



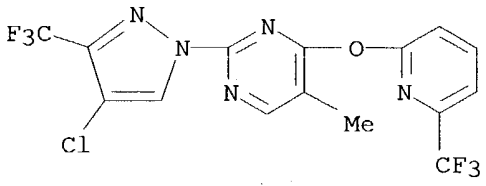
RN 213334-15-7 CAPLUS
CN 1H-Pyrazole-4-carbonitrile, 1-[5-ethyl-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-pyrimidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 213334-17-9 CAPLUS
CN Pyrimidine, 5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[[6-(trifluoromethyl)-2-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



RN 213334-18-0 CAPLUS
CN Pyrimidine, 2-[4-chloro-3-(trifluoromethyl)-1H-pyrazol-1-yl]-5-methyl-4-[[6-(trifluoromethyl)-2-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



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L3             STRUCTURE UPLOADED
L4             QUE L3 AND L1 NOT L2
L5           2 S L4 SSS SAM
L6          37 S L4 SSS FUL

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L7           9 S L6

     FILE 'CAOLD' ENTERED AT 17:49:18 ON 12 OCT 2004

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L8           0 L6

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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
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